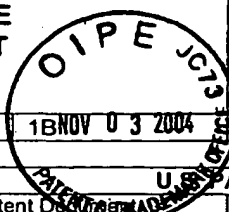


Substitute form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/692,045
		Filing Date	10/23/03
		First Named Inventor	Scott LaDell Vance et al;
		Group Art Unit	2821
		Confirmation No.:	6427
Sheet 1B of 1	18NOV 03 2004	Attorney Docket Number	9314.52



U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		Office	Number	Kind Code (if known)				
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MA	2.		EP 1 026 774 A2	H01Q 1/24	Siemen Aktien.	01/18/2000	—	
MA	3.		EP 1 026 774 A3	H01Q 9/24	Siemens Aktien.	01/18/2000	—	

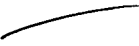

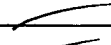
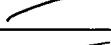
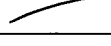
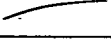

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MA	4.	Patent Abstract of Japan, Publication Number 10093332 <i>Dual Resonance Inverted-F Shape Antenna</i> , 1 sheet, Publication Date April 10, 1998.	
MA	5.	Patent Abstract of Japan, Publication Number 2000068736 <i>Multi-Frequency Antenna</i> , 1 sheet, Publication Date March 3, 2000.	
MA	6.	Invitation to Pay Additional Fees corresponding to PCT/US2004/017475 mailed October 8, 2004.	
MA	7.	Salonen et al., "New Slot Configurations for Dual-Band Planar Inverted-F Antenna", <i>Microwave and Optical Technology Letters</i> , 28, 5 pp. 293-298 (March 5, 2001)	

Examiner Signature	<i>MA Dime A</i>	Date Considered	3/11/05
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		Office	Number	Kind Code (if known)				
MA	1.	EPO	0 777 295	A2	NTT Mobile Communications Network Inc.	06/04/97		
	2.	EPO	1 052 722	A2	Nokia Mobile Phones Ltd.	11/15/00		
	3.	EPO	1 168 495 A2	A2	Alcatel	01/02/02		
	4.	JP	10093332		Nippon Antenna Co Ltd.	04/10/98		Abstract
	5.	JP	2000068736		Toshiba Corp.	03/03/00		Abstract
↓	6.	WO	01/33665	A1	Rangestar Wireless, Inc.	05/10/01		

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MA	7.	Copy of International Search Report and Written Opinion for corresponding PCT/US2004/017475, mailing date February 1, 2005.	

Examiner Signature	<i>MA D. Vance</i>	Date Considered	3/17/05
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		Group Art Unit	2821
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Sheet 1B of 1	18 NOV 03 2004	Attorney Docket Number	9314.52

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MA	2.		EP 1 026 774 A2	H01Q 1/24	Siemen Aktien.	01/18/2000		
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MA	7.	Salonen et al., "New Slot Configurations for Dual-Band Planar Inverted-F Antenna", <i>Microwave and Optical Technology Letters</i> , 28, 5 pp. 293-298 (March 5, 2001)	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	To Be Assigned 10/642045
				Filing Date	Concurrently Herewith 10/23/03
				First Named Inventor	Scott LaDell Vance et al;
				Group Art Unit	Unknown 827
				Examiner Name	Unknown Minh
Sheet	1	of	1	Attorney Docket Number	9314.52

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	2.	US 5,684,492	343/700 MS	Kagoshima et al.	11/04/1997	
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		Office	Number	Kind Code (if known)				
M/A	7.		WO 00/36700		Ying, Zhinong (PCT)	06/22/2000		
↓	8.		DE 201 14 387 U1	H01Q 1/38	Germany	08/31/2001		
	9.		EP 1 154 518 A2	H01Q 9/04	Europe	05/04/2001		
	10.		EP 1 052 723 A2	H01Q 9/04	Europe	05/08/2000		

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MA	11.	DOU, WEI PING ET AL., Novel Meandered Planar Inverted-F Antenna For Triple-Frequency Operation, Microwave and Optical Technology Letters, October 5, 2000, pages 58-60, Vol. 27, No. 1, Singapore		
MA	12.	OLLIKAINEN, JANI ET AL., Internal Dual-Band Patch Antenna for Mobile Phones, Helsinki University of Technology, Finland, date unknown, but for examination purposes, the date is before December 17, 2002, page 364 (4 sheets)		
MA	13.	WONG, KIN-LU, Chapter One, Introduction and Overview, Planar Antennas for Wireless Communications, January 2003, pages 1-25, ISBN: 0-471-26611-6		
MA	14.	Sager et al. "A Novel Technique to Increase the Realized Efficiency of a Mobile Phone Antenna Placed Beside a Head-Phantom," IEEE 2003.		
MA	15.	CHIU ET AL., Compact dual-band PIFA with multi-resonators, Electronics Letters, Vol. 38, No.12, 2 sheets, June 6, 2002.		
MA	16.	Patent Abstracts of Japan, Vol. 1998, No. 09, Publication Number 10093331, Microstrip Antenna System, 1 sheet, Publication Date October 4, 1998.		

Examiner Signature	<i>Minh D. Vance</i>	Date Considered	3/11/05
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